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PATENT
Attorney Docket No. 04208.0220
CUSTOMER NUMBER 22,852

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. national phase of)
PCT/JP2004/000272)
Inventor: Toshinori TAKATSUKA) Group Art Unit: Not Assigned
Application No.: 10/542,643) Examiner: Not Assigned
Filed: July 19, 2005) Confirmation No.: 1715
For: POINTING DEVICE)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents on the attached listing. To the knowledge of the undersigned, this Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application, and is being filed in addition to the Information Disclosure Statement filed on October 19, 2005.

Copies of the listed foreign patent documents are attached. Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Form PTO/SB/08 and returning the form with the next communication from the Office.

The following documents are listed on the accompanying PTO-1449 and are in a non-English language:

1. Japanese Patent No. 2001-027570;
2. Japanese Patent Publication No. 04-172521;
3. Japanese Patent Publication No. 9-128139;
4. Japanese Patent Publication No. 08-185257;
5. Japanese Patent Publication No. 09-034644;
6. Japanese Patent Publication No. 08-152961;
7. Japanese Patent Publication No. 06-035599;
8. Japanese Patent Publication No. 06-318134;
9. Japanese Patent Application No. 11-224568; and
10. Japanese Patent Publication No. 04-125723.

In lieu of a statement of relevance or the translation of the foreign language documents listed above, an English-language abstract for each of these documents is enclosed. Further, with respect to document 1 above, enclosed is an English-language search report from the European Patent Office for application number EP-02718620 citing these documents and setting forth the relevance thereof. In addition, with regard to documents 2-8 above, in lieu of a statement of relevance or the translation of these documents above, enclosed is an English-language international search report from the Japanese Patent Office in the PCT international application WO-02/086694, citing these documents and setting forth the relevance thereof.

Applicant provides herewith Exhibit 1 which contains all of the claims of copending U.S. Patent Application No. 10/656,565 (Attorney Docket No. 04208.0191-00000), filed October 17, 2003. Applicant submits these claims for the Office's Convenience in evaluating any potential issues regarding statutory or obviousness-type double patenting.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: March 8, 2006

By: 

Steven L. Ashburn
Reg. No. 56,636

Enclosures:

- (1) Exhibit 1: Claims of copending U.S. Patent Application No. 10/686,565;
- (2) IDS Form PTO/SB/08; and
- (3) Copies of foreign patent documents and non-patent literature documents.



EXHIBIT 1

Pending Claims

Application No. 10/656,565

Attorney Docket No. 04208.0191-00000

Filed October 17, 2003

WHAT IS CLAIMED IS:

1. A pointing device comprising: a printed circuit board;
a plurality of magnetic sensors placed on said printed circuit board;
an elastic member mounted on said printed circuit board to constitute a hollow for enabling sway in any desired direction;
a rigid pushing member placed on said elastic member; and
a magnet mounted on said elastic member, wherein said plurality of magnetic sensors detect magnetic flux density changes caused by a sway of said magnet due to elastic deformation of said elastic member.
2. The pointing device as claimed in claim 1, wherein said pushing member has a top whose area is greater than an area of said magnet.
3. The pointing device as claimed in claim 1, wherein said elastic member consists of a silicone resin.
4. The pointing device as claimed in claim 1, wherein said magnet and said elastic member are replaced by a rubber magnet.

5. The pointing device as claimed in claim 1, wherein said magnetic sensors are placed symmetrically along X axis and Y axis on a plane, and said magnet is disposed at about a center of said magnetic sensors.
6. The pointing device as claimed in claim 1, further comprising a switch on an elastic member side surface of said printed circuit board.
7. The pointing device as claimed in claim 6, further comprising a protrusion formed at a portion facing said switch on said elastic member, wherein said protrusion is provided for depressing said switch.
8. The pointing device as claimed in claim 6, wherein said switch is a tactile switch.
9. The pointing device as claimed in claim 1, wherein said elastic member and said magnet are glued at only a center of said magnet.
10. The pointing device as claimed in claim 1, wherein said elastic member has a hollow that is made in such a manner that a portion where said magnet is placed and its neighborhood are made thinner than a remaining portion where said magnet is not placed.

11. The pointing device as claimed in claim 1, wherein said elastic member comprises at least one projection toward said printed circuit board in said hollow.
12. The pointing device as claimed in claim 11, wherein said projection is placed near an outer edge of said hollow.
13. The pointing device as claimed in claim 1, wherein said magnet is displaceable in a direction perpendicular to said printed circuit board.
14. The pointing device as claimed in claim 1, wherein said elastic member has at least one bend that forms said hollow.
15. The pointing device as claimed in claim 14, wherein said bend includes a U grooved undercut.
16. The pointing device as claimed in claim 15, wherein said U grooved undercut has a depth less than a thickness of said elastic member.
17. The pointing device as claimed in claim 14, wherein said bend of said elastic member has a chamfer or rounding.

18. The pointing device as claimed in claim 1, to which a manipulation adapter is fitted, said manipulation adapter comprising:

a second elastic member mounted on an edge of said elastic member or on said pushing member;

a manipulation member mounted on said second elastic member; and

a second magnet mounted on said second elastic member or said manipulation member.

19. The pointing device as claimed in claim 18, wherein said second elastic member includes a second hollow to enable said manipulation member to be swayed in any desired direction; and said second magnet is mounted on said second hollow side.

20. The pointing device as claimed in claim 1, to which a manipulation adapter is fitted, said manipulation adapter comprising:

a hold-down member mounted on an edge of said elastic member or on said pushing member;

a manipulation member whose movement is restrained by said hold-down member; and

a second magnet mounted on said manipulation member.

21. A pointing device comprising:
- a printed circuit board;
 - a plurality of magnetic sensors placed on said printed circuit board;
 - an elastic member mounted on said printed circuit board to constitute a hollow for enabling sway in any desired direction;
 - a rigid pushing member placed on said elastic member to constitute said hollow together with said elastic member; and a magnet placed on said pushing member, wherein said plurality of magnetic sensors detect magnetic flux density changes caused by a sway of said magnet due to elastic deformation of said elastic member.
22. The pointing device as claimed in claim 21, wherein said pushing member has a top whose area is greater than an area of said magnet.
23. The pointing device as claimed in claim 21, wherein said elastic member consists of a silicone resin.
24. The pointing device as claimed in claim 21, wherein said magnetic sensors are placed symmetrically along X axis 20 and Y axis on a plane, and said magnet is disposed at about a center of said magnetic sensors.
25. The pointing device as claimed in claim 21, further comprising a switch on an elastic member side surface of 25 said printed circuit board.

26. The pointing device as claimed in claim 25, further comprising a protrusion formed at a portion facing said switch on said elastic member, wherein said protrusion is provided for depressing said switch.

27. The pointing device as claimed in claim 25, wherein said switch is a tactile switch.

28. The pointing device as claimed in claim 21, wherein said magnet is displaceable in a direction perpendicular to said printed circuit board.

29. The pointing device as claimed in claim 21, wherein said elastic member has at least one bend that forms said hollow.

30. The pointing device as claimed in claim 29, wherein said bend includes a U grooved undercut.

31. The pointing device as claimed in claim 30, wherein said U grooved undercut has a depth less than a thickness of said elastic member.

32. The pointing device as claimed in claim 29, wherein said bend of said elastic member has a chamfer or rounding.

33. The pointing device as claimed in claim 21, to which a manipulation adapter is fitted, said manipulation adapter comprising:

a second elastic member mounted on an edge of said elastic member or on said pushing member;

a manipulation member mounted on said second elastic member; and

a second magnet mounted on said second elastic member or said manipulation member.

34. The pointing device as claimed in claim 33, wherein said second elastic member includes a second hollow to enable said manipulation member to be swayed in any desired direction; and said second magnet is mounted on said second hollow side.

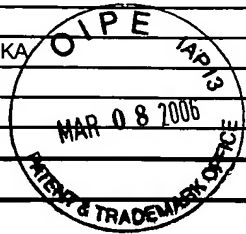
35. The pointing device as claimed in claim 21, to which a manipulation adapter is fitted, said manipulation adapter comprising:

a hold-down member mounted on an edge of said elastic member or on said pushing member;

a manipulation member whose movement is restrained by said hold-down member; and

a second magnet mounted on said manipulation member.

IDS Form PTO/SB/08: Substitute for form 1449A/PTO <div style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div style="text-align: center;"><i>(Use as many sheets as necessary)</i></div>				Complete if Known	
				Application Number	10/542,643
				Filing Date	July 19, 2005
				First Named Inventor	Toshinori TAKATSUKA
				Art Unit	Not Assigned
				Examiner Name	Not Assigned
				Attorney Docket Number	04208.0220-00
Sheet	1	of	2		



U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-6,373,265-B1	04-16-2002	Morimoto et al.	
		US-5,793,668	10-26-1999	Watanabe	
		US-5,504,502	04-02-1996	Arita et al.	
		US-20040080491	04-29-2004	Takatsuka et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP-2001-027570	1-30-2001			Abstract
		JP-09-34644	2-7-1997			Abstract
		JP-09-128139	5-16-1997			Abstract
		JP-08-185257	7-16-1996			Abstract
		JP-08-152961	6-11-1996			Abstract
		JP-06-035599	2-10-1994			Abstract
		JP-11-224568	8-17-1999			Abstract
		JP-04-125723	04-27-1992			Abstract
		WO-02086694	10-31-2002			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		European Patent Office Report, 11-23-2005, European Application No. 02718620, 4-2211 PCT, 3 pgs.	

Examiner Signature		Date Considered	
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